

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/EP2005/000985

International filing date (day/month/year)
01.02.2005

Priority date (day/month/year)
02.02.2004

International Patent Classification (IPC) or both national classification and IPC
B60L5/00, B60M7/00

Applicant
ROFA

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

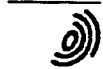
If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**International application No.
PCT/EP2005/000985

PCT/EP2005/000985 01 AUG 2006

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material:
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing:
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2005/000985

Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-19
	No: Claims	
Inventive step (IS)	Yes: Claims	3,6,8-10,13,16-18
	No: Claims	1,2,4,5,7,11,12,14,15,19
Industrial applicability (IA)	Yes: Claims	1-19
	No: Claims	

2. Citations and explanations

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/EP2005/000985

Re Item V.

1 Reference is made to the following documents:

D1 : DE 202 09 542 U (BLEICHERT FÖRDERANLAGEN GMBH) 12 September
2002 (2002-09-12)

D2 : JP 07 172359 A (FUJI ELECTRIC CO LTD) 11 July 1995 (1995-07-11)

2 INDEPENDENT CLAIM 1

2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 1 does not involve an inventive step in the sense of Article 33(3) PCT.

2.1.1 Document D1, which is considered to represent the most relevant state of the art to the subject matter of claim 1, discloses (the references in parentheses applying to this document):
a transport system comprising an underfloor high frequency alternate current primary conductor (22) for providing an electromagnetic field extending along said primary conductor for inductive energy transfer, an electric transport vehicle (10) comprising a pick-up unit for inductive energy transfer (42) and a sensor unit (40) for sensing continuously a floor track signal.

2.1.2 The subject-matter of independent claim 1 differs from the disclosure of D1 in that:
the vehicle has two individually controllable and drivable drive wheels arranged at the rear of the vehicle.

2.1.3 The problem to be solved by the present invention may therefore be regarded as:
how to guide the vehicle along the primary conductor.

2.1.4 In view of D2 the solution proposed in claim 1 of the present application cannot be considered as involving an inventive step (Article 33(3) PCT) for the following

reasons:

The vehicle disclosed in D2 is guided along the primary conductor making use of two individually controllable and drivable drive wheels arranged at the rear of the vehicle.

- 2.1.5 Therefore the features disclosed in D1 and D2 would be combined by the skilled person, without exercise of any inventive skills in order to solve the problem posed. The proposed solution in independent claim 1 thus cannot be considered inventive (Article 33(3) PCT).

3 INDEPENDENT CLAIM 11

3.1 Claim 11 comprises all the features of claim 1 and is therefore not appropriately formulated as a claim dependent on the latter (Rule 6.4 PCT).

3.2 The same reasoning as for claim 1 applies to claim 11. The subject matter of claim 11 therefore does not involve an inventive step in the sense of Article 33(3) PCT.

4 INDEPENDENT CLAIM 19

The same reasoning applies, mutatis mutandis, to the subject matter of corresponding method claim 19. The subject matter of claim 19 therefore does not involve an inventive step in the sense of Article 33(3) PCT.

5 DEPENDENT CLAIMS 2, 4, 5, 7, 12, 14, 15

Dependent claims 2, 4, 5, 7, 12, 14, 15 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT).

6 DEPENDENT CLAIMS 3, 6, 8-10, 13, 16-18

The combination of features of dependent claims 3, 6, 8-10, 13, 16-18 is neither known from, nor rendered obvious by, the available prior art.